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SYLLABUS

GEOGRAPHY 4530-001 / BIOS 4590-002, BIOGEOGRAPHY, Fall 2015
Instructor: Peter Yaukey
Class location: Science 2120
Meeting times: Tue Thu 9:30-10:45
Office: Milneburg Hall 354 (280-3164).
Office hours: Tue Thu 11-130, Wed 6-7 pm, or by appointment.
pyaukey@uno.edu

"It is the glory of God to conceal a thing; but the honor of kings is to search out a matter." - Proverbs 25:2.

DATE    TOPIC
Aug  20 Introduction
       25 Basic concepts; Important Places; Biodiversity (4:117-149)
       27 Stress & Tolerance (2:38-41, 59-88)
Sep  1   Temperature Stress; Moisture Stress
       3 Nutritive & Energetic Stress
       8 Predation Stress; Migration
       10 Species Introduction
       15 Tropical Rainforest Biome (3:91-116)
       17 Test One
       22 Tropical Savanna Biome
       24 to be announced
       29 Desert Biome
Oct  1   Chaparral & Midlatitude Grassland Biomes
       6 Midlatitude Deciduous Forest Biome; Boreal Forest Biome
       8 Tundra Biome
       13 Exercise 1
       15 Fall Break
       20 Ice Ages and dispersal (12:369-407)
       22 Divergence (6:143-158); dispersal and disjunct distributions (2:41-59)
       27 Test Two
       29 Nearctic Realm, Palearctic Realm (11:329-366)
Nov  3   Neotropical Realm
       5 Ethiopian Realm; Oriental Realm
       10 Australian Realm
       12 Antarctic and Oceania Realms
       17 Island Patterns; Island Biogeography (8:223-262)
       19 Preserve Design; Extinction; Forest Destruction
       24 Test Three
       26 Thanksgiving- no class- go eat a bird endemic to the Americas
Dec  1   to be announced
       3 Review
Thu 10   Final Exam, 10:00 - 12:00

If you need a makeup exam, see me beforehand, or provide a verifiable excuse. Extenuating circumstances are necessary (stranded by a hurricane, treed by a moose, captured by aliens, Intercollegiate athletic event, etc.). Attendance will be recorded daily. After two unexcused absences, each unexcused absence will result in 2% being dropped from final score. Final drop date is Oct 14.

GRADING:
3 exercises @ 100 points each = 300 points
3 exams @ 100 points each = 300 points
Final Exam @ 200 points = 200 points
Total = 800 points

SATURDAY ZOO EXERCISE- An exercise will be conducted at the Audubon Zoo. The instructor will lead a trip to the zoo on Saturday, Nov 21 (date subject to change). Those who cannot participate that day will be given a handout and asked to complete the exercise on their own. Students must pay their own admission.

STUDENT LEARNING OBJECTIVES
After successfully completing this course, students will be able to:
• Understand and explain important concepts and principles governing the distribution of plants and animals on the globe, including ecological and historical factors.
• Describe the basic biomes of the globe, and the means by which different organisms tolerate environmental stresses they encounter and which affect their distribution.
• Locate important biogeographic locations and features on maps of the globe.

ACADEMIC INTEGRITY
Academic integrity is fundamental to the process of learning and evaluating academic performance. Academic dishonesty will not be tolerated. Academic dishonesty includes, but is not limited to, the following: cheating, plagiarism, tampering with academic records and examinations, falsifying identity, and being an accessory to acts of academic dishonesty. Refer to the UNO Judicial Code for further information. The Code is available online at http://www.uno.edu/~stlf/policy%20Manual/judicial_code_pt2.htm.

ACCOMMODATIONS FOR STUDENTS WITH DISABILITIES
Students who qualify for services will receive the academic modifications for which they are legally entitled. It is the responsibility of the student to register with the Office of Disability Services each semester and follow their procedures for obtaining assistance.